

INCIDENT ACTION PLAN FIRE SUPPRESSION REPAIR WEST CASTLE ZONE

CA-SQF-002541



5 DAY IAP

OPERATIONAL PERIOD

10/1/2020 0700
 to
10/6/2020 0700



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: <p style="text-align: center;">FIRE SUPPRESSION REPAIR WEST CASTLE ZONE</p>	2. Operational Period: Date From: 10/1/2020 Date To: 10/6/2020 Time From: 0700 Time To: 0700
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3. Objective(s):

- Management Objectives**
- Provide for emergency personnel and public safety at all times.
 - Ensure COVID-19 precautions and best practices are met at all times.
 - Protect property, improvements, and infrastructure.
 - Foster and maintain relationships with all cooperators and stakeholders.
 - Protect economic, natural, cultural and heritage resources.
 - Maintain fiscal accountability and keep costs commensurate with values at risk.

- Control Objectives**
- Keep the fire within the fire perimeter.
 - Conduct fire suppression repair on all state DPA.
 - Continue to access and conduct operations at Mountain Home Demonstration State Forest to achieve a safe environment for public use.

General Situational Awareness:

In the COVID-19 environment, high density populations or large groups are particularly at risk. To help protect yourself, your family and to ensure all employees return home safely, make sure to practice social distancing.

Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders.

5. Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located at:

- 6. Incident Action Plan**
- | | | | |
|---|--|--|---|
| <input checked="" type="checkbox"/> ICS 203 | <input type="checkbox"/> ICS 220 | <input checked="" type="checkbox"/> Finance Message | <input checked="" type="checkbox"/> ICS 214 |
| <input checked="" type="checkbox"/> ICS 204 | <input checked="" type="checkbox"/> PIO Message | <input checked="" type="checkbox"/> Shift Ticket Example | <input checked="" type="checkbox"/> CAL FIRE 101 |
| <input checked="" type="checkbox"/> ICS 205 | <input checked="" type="checkbox"/> Weather Forecast | <input type="checkbox"/> Ground Support Map | <input checked="" type="checkbox"/> COVID Daily Check |
| <input checked="" type="checkbox"/> ICS 206 | <input checked="" type="checkbox"/> Fire Behavior | <input type="checkbox"/> Base Camp Map | <input type="checkbox"/> Water Usage Log |
| <input checked="" type="checkbox"/> ICS 208 | <input checked="" type="checkbox"/> Training Message | <input checked="" type="checkbox"/> Travel Map | <input checked="" type="checkbox"/> Fire Suppression Repair Plans |

7. Prepared By: Karine Hunt	Position/Title: PSC1	Signature: <u></u>
8. Approved by Incident Commander:	G. Bidart	Signature: <u></u>

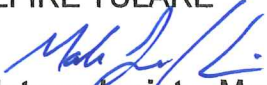
ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: FIRE SUPPRESSION REPAIR		2. Operational Period: Date From: 10/1/2020 Time From: 0700		Date To: 10/6/2020 Time To: 0700	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Phil Brown	Operations	Phil Brown		
Deputy		Deputy Operations			
Safety Officer		Night Ops			
Information Officer		Staging Area			
Liaison Officer		Branch	Mountain Home	T. Attebury / J. Kral	
4. Agency/Organization Representatives:		Division/Group			
Agency/Organization	Name	Division/Group			
		Division/Group			
		Division/Group			
		Branch	State DPA	M. Drum / D. Van Goidsenhoven	
		Division/Group			
		Division/Group			
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		Division/Group			
		Branch			
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		Division/Group			
5. Planning Section:		Division/Group			
Chief	Karine Hunt	Staging Area			
Deputy		Branch			
Resource Unit		Division/Group			
Situation Unit		Division/Group			
Demobilization Unit		Division/Group			
GISS		Division/Group			
FBAN		Division/Group			
IMET		Air Operations Branch		Director:	
Training Tech Spec		Air Support Group Supervisor			
6. Logistics Section		Air Tactical Group Supervisor			
Chief	Doug Beutler	Helibase Manager			
Deputy Chief					
Supply Unit		8. Finance/Administration Section:			
Facilities Unit		Chief	R. Browne		
Ground Support Unit		Deputy Chief			
Communications Unit		Time Unit			
Medical Unit		Procurement Unit			
Motel Unit		Comp/Claims Unit			
Food Unit		Cost Unit			
Prepared By: Name:	Karine Hunt	Position/Title:	PSC	Signature:	<i>Karine Hunt</i>
ICS 203		Date/Time:	9/30/2020 2300 hours		



FIRE WEATHER FORECAST

FORECAST NO: 14
FORECAST FOR: 10/1/2020 – 10/6/2020
FORECAST ISSUED: September 30, 2020, 0900 PDT

INCIDENT NAME: West Castle Zone
UNIT: CALFIRE TULARE
SIGNED: 
Incident Meteorologist – Mark Loeffelbein

ONLY THE FIRST PERIOD...Thursday 10/1 should be used for tactical decisions.

For an updated forecast contact the NWS office in Hanford, CA. (Contact information below)
Fire is in Fire Weather Zone CAZ594.
Fire weather forecast:

WEATHER DISCUSSION: High pressure will maintain control of the region through early Sunday keeping conditions smoky. On Sunday a southerly flow will develop allowing the smoke to lift to a haze. On the west side of the fire RHs will fall into the early afternoon and then level off or even rise a little as slightly higher humid air is pulled in from the valleys to the west. Overnight thermal belt development is likely with locations above 3,500 feet not likely to see RH recoveries above 30 percent until after Sunday. Temperatures will be running 3-7 degrees above average.

SKY/WEATHER TODAY: Mostly Sunny (0-10% Cloud Cover). Smoky.

MAX TEMPERATURES / MIN RELATIVE HUMIDITY:

3000 FT: 90 to 93 degrees (1-2° Warmer) / 19 to 23% (Little Change)
6000 FT: 79 to 84 degrees (1-2° Warmer) / 21 to 26% (Little Change)

20 FOOT WINDS:

Slope/Valley: Winds are expected to remain terrain driven through the afternoon with speeds 3 to 6 mph gusts up to 12 mph.
Ridges: Northwest 6 to 10 mph.

MIXING HEIGHT...9,000 FT AGL **VENTILATION...**Good – Very Good.

TRANSPORT WIND...Northwest 8 mph.

CWR (0.10")...0% **LAL...**1 **HAINES...**5

Friday and Saturday...Mostly Sunny (0-20% Cloud Cover). Smoky. **High Temp:** 89-92. **Min RH:** 18-25%. **Winds (20 foot):** Morning drainage winds becoming Upslope/Upvalley 3-6 gusts to 12 mph. Ridges NW 5-10 mph. **CWR (0.10"+):** 0% **LAL:** 1 **Haines:** 5.

Sunday and Monday...Mostly Sunny (10-30% Cloud Cover). Hazy. **High Temp:** 83-88. **Min RH:** 20-26%. **Winds (20 foot):** Slope/Valley: South 4-8 Gust 12 mph. Ridges: Southwest 6-12 Gusts 16 mph. **CWR (0.10"+):** 0% **LAL:** 1 **Haines:** 5.

Hanford NWS Contact Info:

Phone: 559-584-1793

Spot Forecast Page: <https://www.weather.gov/spot/monitor/?lat=36.4&lon=-119.2&z=6&auto=yes>

Nearby RAWS:




Fire Wx Zone Forecast:



Submit Spot Request:



FIRE BEHAVIOR OUTLOOK

FIRE NAME: West Castle Zone SQF Complex	OUTLOOK PERIOD (valid time period): 10/1-10/6/20
DATE ISSUED: September 30, 2020	TIME ISSUED: 1200
UNIT: CALFIRE Tulare	SIGNED:  Typed/printed: STEPHEN VOLMER FBAN

WEATHER/CLIMATOLOGY DISCUSSION: Smoke and Hazy conditions will persist over the fire area due to the High-Pressure system staying in place. The abundance of heavy material burning out will continue to produce smoke adding to the limited visibility. Poor overnight humidity recoveries will occur throughout the West Zone area, with a nightly thermal belt setting in around 3,500' elevation. Dry conditions above that elevation will continue. Temperatures will trend 3-7 degrees above seasonal averages.

THURSDAY: Max Temps. 93 degrees, Min. RH 19%, Upslope winds 3-6 mph. Ridgetops NW 6-10mph
 FRIDAY: Max Temps. 92 degrees, Min. RH 18%, Upslope winds 3-6mph. Ridgetops NW 5-10mph
 SATURDAY: Max Temps. 92 degrees, Min. RH 18%, Upslope winds 3-6mph. Ridgetops NW 5-10mph
 SUNDAY: Max Temps. 88 degrees, Min. RH 20%, Winds South 4-8 mph. Ridgetops SW 6-12mph
 MONDAY: Max Temps. 88 degrees, Min. RH 20%, Winds South 4-8 mph. Ridgetops SW 6-12mph

FIRE BEHAVIOR DISCUSSION: Expect fires to be terrain and fuels dominated which will have the ability move into extended attack easily. Direct air tactics will produce good holding results along the ridgetops, and in light fuels, if visibility allows. The Energy Release Component (ERC) is currently above the 90th percentile in the upper elevations (SC04 PSA) and is projected to drop slightly. Fuel moisture samples for the area are below the 60% for critical levels, but will begin to trend upward in the coming weeks according to seasonal averages.

Short Range (Today, Tomorrow) and Medium Range (3 Days):

	FLAME LENGTH	RATE OF SPREAD	SPOTTING	PROBABILITY
	ft	ft/min	DISTANCE mi	OF IGNITION
GRASS	6	47-80	.30	67%
BRUSH	17	67-99	.40	68%
TIMBER UNDERSTORY	4	3-8	.30	66%

*****Above values are valid within 5 miles of the current fire perimeter*****

Smoke Concerns: Heavy fuels and the interior islands will continue to burn down producing smoke throughout the entire zone. Production will increase with the warm and dry conditions. Areas above 5,000' elevation will have the best chances of clear air first. Once clear skies return, expect temperatures to increase and the smoke to lift from the valley and drainages.

Air Resources: Expect gusty conditions over the ridgetops will be present. Visibility will be greatly reduced due to the smoke and haze with minor clearing late each afternoon. Resources may be committed elsewhere, have long ETA's, or be unable to access the area due to limited visibility.

Reassessment Criteria: Changing weather and conditions past the October 5th expiration date of this forecast, or any locations other than the area listed. Contact the local NWS office to request Spot Weather Forecasts for any new incident.

SAFETY

- Watch for changes in the weather patterns. Fine flashy fuels will react quickly to minor changes.
- Un-burned interior islands and "Dirty Burn" areas still have a high potential for ignition and/or reburn.
- Fire weakened timber and branches will continue to release. Look up as you enter wooded areas.
- There is an abundance of deep-seated hot stump holes throughout the entire zone.



SAFETY MESSAGE WEST CASTLE ZONE SQF COMPLEX



1. Incident Name: **WEST CASTLE ZONE
SEQUOIA COMPLEX**

2. Operational Period: Date From: 10/01/20
Time From: 07:00

Date To: 10/06/20
Time To: 07:00

HEALTH & WELLNESS: Wear a Mask, PLEASE!

Adhere to COVID-19 Best Practices – Wipe Surfaces & Door Handles.
MONITOR for FATIGUE and DEHYDRATION; Hydrate before, during, & after exertion.
Don't let complacency set in; maintain situational awareness.
MONITOR for signs & symptoms of Heat Related Emergencies (IRPG. Pg. 109)

MOP UP OPERATIONS: there are still hazards....

Watch for roll out, watch for snags; watch your footing, watch for stump holes
Caution: Do not step into ash pits or root balls.
Identify, Communicate & Mitigate Hazards – Flag & Report.

HAZARD TREES: It's the ones that haven't come down yet!

Drought, Bug Kill, & Fire Weakened Trees all have accident potential.
Local diurnal winds have influence on tree lean and fall zones.
Fall trees with in your certification; flag & avoid when mitigation cannot be completed.

AIR OPERATIONS: CLEAR the LINE!

Monitor Comms; assure the frequencies – radio discipline.

REHAB & REPAIR: CONTRACTORS, & RE-POPULATION:

Maintain Communications & Communicate Hazards to Heavy Equipment Operators.
Work together and Coordinate Work Zones in the same area.
Caution to citizens and additional vehicle traffic.

DRIVING: Be defensive for all drivers on the road.

EVALUATE your driving routes; monitor speed, gear selection, & brakes.
UTILIZE chocks, backers and spotters; when in doubt scout it out!
Watch cross traffic; Local traffic is not use to increased vehicle traffic; use blinkers.
Dirt Roads are narrow, silty, and worn – Use Caution
Share the road with damage assessment teams and contractors; all aiding the efforts.

Caution to Mental Fatigue, Be Positive; Maintain Situational Awareness for New Starts.

4. Site Safety Plan Required? Yes No

5. Prepared by: Name: J. Buchmeier SOF1 / J. Novak SOF1(T)

ICS 208

Date/Time: September 29, 2020 / 1200

1. Incident Name: WEST CASTLE ZONE SQF COMPLEX		2. Incident Number: CA-SQF-002541
3. Incident Area	4. Hazards/Risks	5. Mitigations
DIV	HAZARDOUS ACTIONS/CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	COVID 19, ILLNESS, & HYGIENE	Adhere to local, state, federal and CDC health guidelines. Maintain social distancing when applicable. Wear a mask for yourself/others. Report any symptoms immediately to a supervisor. Hygiene, hand washing, and disinfecting of surfaces & handles often. Watch for signs and symptoms of Valley Fever, Smoke Exposure, or illnesses.
ALL	FATIGUE, HEAT, & DEHYDRATION	Don't underestimate the task at hand. Adhere to work/rest cycle for all task(s). Drink water before, during and after shifts, up to 1.5 gal. per shift. Review Heat Related Emergencies (IRPG Pg. 109). Seek shade when you can. Watch for stack-effect of fatigue and exhaustion; REST & Plan operations.
ALL	COMPLACENCY	Be alert for signs of fatigue and distractions; remain engaged. Know your LCES and maintain situational awareness. Have the right radio clone. Know your adjoining forces and FREQUENCIES . Primary, Alternate, Contingency, Emergency on all new assignments.
ALL	FLARE UP & WIND	Fuels are dry; re-burn potential. Monitor conditions and diurnal winds. Watch alignment and rates of spread; no frontal assaults. Calculate tree fall and branch release; project down-wind falling. Fire in drainages and river bottoms; steep terrain can allow runs & spotting.
ALL	STEEP TERRAIN / ROLLING DEBRIS	Watch your footing while hiking in steep terrain. Be careful of loose rolling debris. Maintain Situational Awareness . Know Tree Hazards in the work area. Dangerous Mountain Roads – SLOW Defensive Driving.
ALL	FALLING MODULES & HAZARD TREES.	The ones that haven't fallen yet; look up, look around – identify hazard trees. Identify and isolate the area to provide for the safety of others. Bug Kill & Fire Weakened; Flag and make proper notifications. Do not fall trees out of your certification level. Evaluate wind and lean prior to making cuts.
ALL	MOP UP & STUMP HOLES	Look for signs of heat; watch for ash pits. Maintain situational awareness and assure good footing. Control your surroundings; watch out for each other.
ALL	DRIVING HAZARDS	SLOW DOWN! Do 360's before moving vehicles. Utilize Chocks. Drive with headlights and seatbelts on; drive defensively. Long travel distances – fatigue; Watch Speed through communities. Utilize spotters and backers; when in doubt, scout it out. Assess Road Conditions; Flag hazard if you cannot mitigate, report. Contractors working off roads; utility repair. Tree abatement.
ALL	REHAB & REPAIR	Watch for rolling material; Monitor safe working distances. Avoid working below dozer; communicate with the operator. Damage Assessment Crews working off roads and around structures Acknowledge Utility Partners and Contractors; assessment and repair work. Monitor footing; evaluate work area and routes; tool control is essential.
ALL	AIRCRAFT OPERATIONS	Monitor air-to-ground frequencies; they are your eyes in the sky. Use air-to-ground frequency to communicate with aircraft. Use clear, concise statements when directing aircraft; clear the line . Only utilize aircraft to insert personnel on the line when necessary.
6. Prepared by: Joe Buchmeier SOF1/Jason Novak SOF1(T)		
ICS 215-A		Operational Period 10/01-06/20 Time: 0700 - 0700

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: FIRE SUPPRESSION REPAIR WEST CASTLE ZONE	2. Operational Period: Date From: 10/01/20 Date To: 10/06/20 Time From: 0700 Time To: 0700	3. Branch Staging Mountain Home Page 1 of 2
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4. Operations Personnel:	
Operations Section Chief: Phil Brown	Night Ops:
Branch Director:	Branch Safety:
Division/Group Supervisor: T. Attebury / J. Kral	Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location	
CRW MOUNTAIN HOME 4				15			Bear Creek FS	
DOZ PVT E-30120			P. Van Gaale	1	E-30120	0700-1900	Bear Creek FS	
DOZ PVT E-30125			R. Dominikus	1	E-30125	0700-1900	Bear Creek FS	
DOZ PVT							Bear Creek FS	
MAS PVT E-30357			L. Gill	1	E-30357	0700-1900	Bear Creek FS	
SKD PVT E-30280			G. Vangaasbeek	1	E-30280	0700-1900	Bear Creek FS	
SKD							Bear Creek FS	
GRD PVT E-30351			J. Palmer	1	E-30351	0700-1900	Bear Creek FS	
GRD TUU Mountain Home			S. Braziel	1	E-30355		Bear Creek FS	
EXC PVT E-30356			J. Hertzig	1	E-30356	0700-1900	Bear Creek FS	
EXC PVT E-30360			P. Baur	1	E-30360	0700-1900	Bear Creek FS	
EXC PVT E-30362			D. Briski	1	E-30362	0700-1900	Bear Creek FS	
FBUN PVT							Bear Creek FS	
FBUN PVT							Bear Creek FS	
W/T PVT E-30178			B. Belmares	1	E-30178	0700-1900	Bear Creek FS	
W/T PVT E-30218			P. Ramos	1	E-30218	0700-1900	Bear Creek FS	
W/T PVT E-30139			R. Straley	1	E-30139	0700-1900	Bear Creek FS	
FALM O-30362			J. Moglia	2	O-30362	0700-1900	Bear Creek FS	

6. Work Assignments:
Mitigate hazard trees.
Work on stabilizing the soil.
Water bar dozer lines.

7. Special Instructions:
Refer to Mountain Home Demonstration State Forest Fire Suppression Repair Guidelines.

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1	COMMAND	151.3550N	103.5 (T8)	159.3000N	151.4 (T14)	BLUE RIDGE
CDF T29	2	TACTICAL	151.3475N	192.8 (T16)	151.3475N	192.8 (T16)	BR MOUNTIAN HOME

9. Prepared by: Name:	Karine Hunt	PSC	24 Hr Shift: 0
	Signature:		12 Hr Shift: 13
ICS 204	Date/Time: 9/30/2020 2200		Total: 29

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: FIRE SUPPRESSION REPAIR WEST CASTLE ZONE	2. Operational Period: Date From: 10/01/20 Date To: 10/06/20 Time From: 0700 Time To: 0700	3. Branch Staging Mountain Home Page 2 of 2
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4. Operations Personnel:	
Operations Section Chief: Phil Brown	Night Ops:
Branch Director:	Branch Safety:
Division/Group Supervisor: T. Attebury / J. Kral	Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					Hours	Reporting Location
Resource Identifier	ALS	LWD	Leader	Personnel	Request #			
FALM O-30469			D. Hughes	2	O-30469	0700-1900	Bear Creek FS	
FALM O-30470			T. Matney	2	O-30470	0700-1900	Bear Creek FS	
FALM O-30471			M. Green	2	O-30471	0700-1900	Bear Creek FS	
HEQB SHEW			N. Shew	1	O-30221	0700-1900	Bear Creek FS	
THSP			G. Whitson	1			Bear Creek FS	
THSP			J. Pierce	1			Bear Creek FS	
THSP			J. Rodriguez	1			Bear Creek FS	
THSP			M. DeAnda	1			Bear Creek FS	
THSP			R. Mathewson	1			Bear Creek FS	
THSP			K. Conway	1			Bear Creek FS	
THSP			R. Wimmer	1			Bear Creek FS	
THSP			S. Vollmer	1			Bear Creek FS	
LINE SAFETY OFFICER			TBA	1			Bear Creek FS	

6. Work Assignments:
 Mitigate hazard trees.
 Work on stabilizing the soil.
 Water bar dozer lines.

7. Special Instructions:
 Refer to Mountain Home Demonstration State Forest Fire Suppression Repair Guidelines.

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1	COMMAND	151.3550N	103.5 (T8)	159.3000N	151.4 (T14)	BLUE RIDGE
CDF T29	2	TACTICAL	151.3475N	192.8 (T16)	151.3475N	192.8 (T16)	BR MOUNTIAN HOME

9. Prepared by: Name:	Karine Hunt	PSC	24 Hr Shift: 0
	Signature: <i>Karine Hunt</i>		12 Hr Shift: 7
ICS 204	Date/Time: 9/30/2020 2200		Total: 16

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: FIRE SUPPRESSION REPAIR	2. Operational Period: Date From: 10/01/20 Date To: 10/06/20 Time From: 0700 Time To: 0700	3. Branch Staging State DPA Page 1 of 1
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4. Operations Personnel:	
Operations Section Chief: Phil Brown	Night Ops:
Branch Director:	Branch Safety:
Division/Group Supervisor: M. Drum / D. Van Goidsenhoven	Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
TUU ENG 3							Bear Creek FS
TUU ENG 3							Bear Creek FS
TUU ENG 3							Bear Creek FS
STC SLU 9340C			T. Swanson	16	E-30157	0700-0700	Bear Creek FS
STF XTU 5181F			K. Riggi	17	E-238	0700-0700	Bear Creek FS
CRW TUU Crew 1			D.Abbott	16	C-30027	0700-1900	Bear Creek FS
CRW TUU Crew 2			R. High	16	C-30025	0700-1900	Bear Creek FS
CRW MOUNTAIN HOME 3				15		0700-1900	Bear Creek FS
DOZ PVT E-30119			L. Gill	2	E-30119	0700-1900	Bear Creek FS
DOZ PVT						0700-1900	Bear Creek FS
W/T PVT E-30135			R. Reyes	1	E-30135	0700-1900	Bear Creek FS
W/T PVT E-30138			N. Elliott	1	E-30138	0700-1900	Bear Creek FS
W/T PVT E-30216			B. Rose	1	E-30216	0700-1900	Bear Creek FS
HEQB PRANDINI			A. Prandini	1	O-30220	0700-1900	Bear Creek FS
LINE SAFETY OFFICER				1		0700-1900	Bear Creek FS

6. Work Assignments:
 Mitigate hazard trees.
 Follow suppression repair guidelines.
 Mop up 300' in from control line.
 Tactical patrol.

7. Special Instructions:

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1	COMMAND	151.3550N	103.5 (T8)	159.3000N	151.4 (T14)	BLUE RIDGE
CDF T30	3	TACTICAL	151.3925N	192.8 (T16)	151.3925N	192.8 (T16)	BR STATE DPA

9. Prepared by: Name:	Karine Hunt	PSC	24 Hr Shift: 33
	Signature:		12 Hr Shift: 54
ICS 204	Date/Time: 9/30/2020 2200		Total: 87

MEDICAL PLAN (ICS 206)

1. Incident Name: WEST CASTLE ZONE SQF COMPLEX	2. Operational Period: Date From: 10/1/20 Date To: 10/6/20 Time From: 0700 Time To: 0700
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3. Medical Aid Stations:			
Name	Location	Contact Number/Freq	Physician

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number	Level of Service
Castle 5 (ground)	H12	TUU ECC "Visalia" (559) 636-4172	ALS
Castle 6 (ground)	Ranch Helispot	TUU ECC "Visalia" (559) 636-4172	ALS
Kern County FD H407 (air) 24/7 hoist	Visalia	TUU ECC "Visalia" (559) 636-4172	ALS
Skyline (air) 24/7	Visalia	TUU ECC "Visalia" (559) 636-4172	ALS

5. Hospitals:								
Hospital Name	Address,		Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
	Lat & Long Helipad			Air	Ground			
Kaweah Delta Hospital	400 W. Mineral King ave Visalia, CA 36 19.65'N 119 17.676'W		(559) 624-2000	15	40	Level 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Community Regional Medical Center	2823 Fresno st. Fresno, CA 36 44.568'N 119 47.094'W		(559) 459-4220	20	60	Level 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sierra View Medical Center	465 W. Putnam ave Porterville, CA		(559) 784-1110		15	EDAT	<input type="checkbox"/>	<input type="checkbox"/>

6. Special Medical Emergency Procedures	
<p>LINE EMERGENCY:</p> <p>Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.</p> <ul style="list-style-type: none"> • Division/Group Supervisor contacts: <ol style="list-style-type: none"> 1. Communications Unit 2. Closest EMS resource • Communications Unit contacts: <ol style="list-style-type: none"> 1. Ground or Air ambulance as requested 2. Operations 3. Safety 4. Medical Unit • Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of need. • Communications Unit will clear command channel for emergency traffic as needed and only for duration of need. 	<p>Injury Reporting Procedures</p> <p>Nature of Injury: _____</p> <p>Location of Patient: _____</p> <p>Point of Contact: _____</p> <p>Transportation Requested by: Air _____ Ground _____</p> <p>Point of Pick-Up: _____</p> <p style="padding-left: 40px;">Lat: _____ Long: _____</p> <p>Patient Unit ID: _____</p> <p>Is an EMT with Patient: Yes _____ No _____</p> <p>Age: _____ Sex: Male _____ Female _____</p> <p>All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</p>

Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

7. Prepared by (Medical Unit Leader): M. Hnat J. Davis (T)	Signature:
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8. Approved by (Safety Officer): J. Buchmeier J. Novak (T)	Signature:
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ICS 206	NIMS IAP	Date/Time:	9/29/20 1130
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ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name:
FIRE SUPPRESSION REPAIR
WEST CASTLE ZONE

2. Date/Time Prepared
Date: 09/30/2020
Time: 1600

3. Operational Period:
Date To: 10/06/20
Time To: 0700

4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C1	WEST CASTLE ZONE	151.3550N	103.5 (T8)	159.3000N	151.4 (T14)	BLUE RIDGE	
2	TACTICAL	CDF T29	WEST CASTLE ZONE	151.3475N	192.8 (T16)	151.3475N	192.8 (T16)	BR MOUNTIAN HOME	
3	TACTICAL	CDF T30	WEST CASTLE ZONE	151.3925N	192.8 (T16)	151.3925N	192.8 (T16)	BR STATE DPA	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

5. Special Instructions
TO CONFIRM YOU HAVE THE MOST CURRENT CLONE, ENSURE YOUR DISPLAY OF CHANNEL 16 OR 20 MATCHES CHANNEL 16 OR 20 OF THE 205 - HEIGHT AND POWER ARE KEY WHEN USING RADIOS; BE AT A HIGH POINT, USE A MOBILE IF POSSIBLE, AND USE RADIO RELAYS WHEN NEEDED

6. Prepared by (Communications Unit Leader): Name: J. Brooks / C. Johns
 Signature: 
 Date/Time: 09/30/20 1600
 NIMS IAP

STATE OF CALIFORNIA
 DEPARTMENT OF FORESTRY AND FIRE PROTECTION
PROPERTY CERTIFICATION OF LOCATION OR DAMAGE
CERTIFICATE OF RESPONSIBILITY FOR INCIDENT OCCURRENCE
 CAL FIRE-101 page 1 of 2 (1/07)

Incident #:
Request #:

DOC. NUMBER:

LOCATION / INCIDENT NAME:	INCIDENT NUMBER:	UNIT:	REGION:	DATE:
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THE FOLLOWING ARTICLES WERE: (broken, left on line, damaged, or other)	DATE OF OCCURRENCE:
--	---------------------

QUANTITY	UNIT OF MEAS.	CAL FIRE STOCK NUMBER <small>(COMPLETE WHENEVER ASSIGNED)</small>	DESCRIPTION <small>(INDICATE SIZE, MAKE, MODEL, TYPE, ETC., TO CLEARLY DESCRIBE THE ITEM, PROVIDE ADEQUATE DATA TO EFFECTIVELY IDENTIFY EQUIPMENT OR PROPERTY.)</small>	PROPERTY NUMBER

DIV: _____ **DIV's Name:** _____

DIV. Signature: _____

LOCATION OF ITEMS: _____

REMARKS: _____

SIGNATURE OF PERSON CERTIFYING OCCURRENCE AS DESCRIBED

SIGNATURE:	PRINTED NAME:	TITLE:	DATE:
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UNIT SUPERVISOR'S APPROVAL

COMMENTS: _____

SIGNATURE OF UNIT ADMINISTRATOR:	TITLE:	DATE:
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CAL FIRE INCIDENT MANAGEMENT TEAM 6

Jeff Veik- INCIDENT COMMANDER



West Castle Zone SQF Complex CA-SQF-002541

DEMOBILIZATION PLAN - SUMMARY

GENERAL INFORMATION

The Demobilization Plan is developed to facilitate the orderly removal and checkout of resources on the incident. Surplus Personnel are available for release if they have rested for a minimum of 8 hours, are cleaned up, outfitted and have a vehicle ready to depart to their next destination.

GENERAL GUIDELINES

- **NO RESOURCES WILL LEAVE THE INCIDENT UNTIL AUTHORIZED TO DO SO BY THE DEMOB UNIT.**
- Efforts will be made to ensure that all released personnel arrive at their destination prior to 2200 hours.
- All Resources will arrive at the Demobilizations Unit at their scheduled time Only.
- All government and hired vehicles leaving the incident will have a safety inspection. If a vehicle is within 1,000 miles of a "B" service, it is recommended of the resource to contact Ground Support and have an oil change 24 hours prior to their scheduled demobilization time.
- **All Rental Vehicles will receive a safety inspection prior to leaving the incident.**
- All trainees are to keep their time up to date and report to the Training Specialist with their task books and evaluations prior to completion of the demobilization process.
- All strike team leaders are responsible to call **South Ops at 1-800-237-3703** immediately upon being released from the incident

RESPONSIBILITIES

Unit Leaders will declare resources excess to their **Section Chief**. **Section Chiefs** will declare excess resources to the Planning Section Chief through the **Resource Unit Leader**. This should be done 36 hours in advance of anticipated release. **Use the Declaration of Excess Resources sheet or General Message Form (ICS-213) to list all excess resources.** Include the resource name, request number, name of person, date and time of declared excess, and time in which the resource will be eligible to leave. Send to the **RESOURCE UNIT** where the resource will be determined to be surplus to the incident. Surplus resources will then be able to report to the **DEMOB UNIT**, receive a Demobilization Checkout Form (ICS 221), get the appropriate ICS 221 signatures, and then return the completed ICS 221 to the DEMOB UNIT prior to final release or reassignment. Resources are not to contact **South Ops** or the expanded dispatch center unless instructed to do so by the Demobilization Unit.

RELEASE PRIORITIES

1. Organized fire departments
2. OES engines
3. Hired personnel and equipment
4. Other agencies (USFS, BLM, etc.)
5. Out of region CAL FIRE forces
6. Within Region CAL FIRE Forces
7. Unit CAL FIRE Forces

TRAVEL INFORMATION

All resources will meet agency specific requirements on hours of travel per day. For CAL FIRE hand crews, a full 24 hour reset period shall be adhered to before departing from the incident. After a crew's last operational period they shall begin the demobilization release procedure during their 24-hour off shift. In addition, they must use the following complete 24-hour period as reset time before they depart from the incident.

SHIFT TICKET EXAMPLE

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name DOZER DUDE						
Incident or Project Name CASTLE		Incident Number CASQF 002541	Request Number E#		Operator #1 BOB SMITH	Operator #2 TOM SMITH					
Agreement Number XXX - 000000 - 00					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Equipment Make CAT		Equipment Model / Type D6XM			Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Serial Number 111111		Licence Number 111111			Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor						
Equipment Use (Circle) Hours Days / Miles					Remarks/Comments ** NO DAMAGE/ NO CLAIMS						
Date Mo / Day	Start	Stop	Work	Assignment							
9/15	0700	2400	17	DIV M							
9/16	0001	0700	7	DIV M							
Vendor Rating Poor* Avg. Good Exc. N/A					Govt. Rep. Name and Position - PRINT Mike Weber						
<div style="border: 1px solid black; padding: 10px; text-align: center;"> Vendor Rating must be done. </div>					Govt. Rep. Signature <i>Mike Weber</i>						
					Contractor Signature <i>Bob Smith</i>						
					Date 09/16/20	Time 0800					
					* NOTE: Any rating of POOR requires an explanation in Comment Section.					CALFIRE 297 (Rev 3-2011)	
					**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative					

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name DUDE TRANSPORT						
The responsible Government Officer will complete this form each shift					Operator #1 BOB SMITH						
Incident or Project Name CASTLE		Incident Number CASQF 002541	Request Number E # Here		Operator #2 TOM SMITH						
Agreement Number XXX - 000000 - 00					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Equipment Make TRANSPORT/ KENWORTH		Equipment Model / Type COZAD TRAILER /26 WHEELS			Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Serial Number 1XP3ESMP14239012		Licence Number 9999999			Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor						
Equipment Use (Circle) Hours Days / Miles					Remarks/Comments ** NO DAMAGE/ NO CLAIMS						
Date Mo / Day	Start	Stop	Work	Assignment							
9/15	0700	2400	17	DIV M							
9/16	0001	0700	7	DIV M							
Vendor Rating Poor* Avg. Good Exc. N/A					Govt. Rep. Name and Position - PRINT Mike Weber						
<div style="border: 1px solid black; padding: 10px; text-align: center;"> Vendor Rating must be done. </div>					Govt. Rep. Signature <i>Mike Weber</i>						
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					Date 09/16/20	Time 0800					
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					**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative					

Turn shift tickets into Time Unit.

Mountain Home Demonstration State Forest Fire Suppression Repair Guidelines

- Protect known important assets at risk including cultural and heritage sites, historical sites, watersheds, infrastructure, and wildlife.
- Provide and maintain safety for public, first responders, and forest staff.
- Roads shall be kept passable.
- Ensure all road draining facilities are clean and passable.
- Stabilize soils on steep slopes and protect watercourses and riparian areas.

Hazard Trees:

- Remove hazard trees from trails, roads, campgrounds, recreational and state facilities by 1.5 tree lengths.
- Fall trees perpendicular to the slope to mitigate soil erosion.

Heavy Equipment:

- Heavy equipment shall stay out of watercourses that are wet.
- Any crossings of dry watercourses by heavy equipment will be done as closely to 90 degrees as possible.
- Any displaced soil that enters watercourse while crossing shall be removed and stabilized to the fullest extent possible.
- Masticate sub merchantable material on operable slopes.
- Water break dozer lines per the California Forest Practice Rules.

FIRE SUPPRESSION REPAIR PLAN: West CASTLE INCIDENT

Fire suppression repair is the repair of damage caused directly from fire suppression activities. It is not the repair of infrastructure or rehabilitation of burned areas that happened as a result of the fire itself.

Damaged facilities will be returned to functional status in order to prevent further damage. Projects too large or complex to be completed by the Fire Suppression Repair Group shall be transferred to the Comp/Claims Unit or the local Unit. Repair work shall only occur in locations authorized by the Operations Division and where fire suppression activities are complete. Fire Suppression Repair Group resources shall evaluate all Divisions for appropriate repair needs. This includes areas inside and outside the fire perimeter, provided the damage was caused by official fire suppression activities. Extra care will be exercised and equipment will be monitored when operating in locations where new fire starts are more likely to occur, such as rocky areas in dry grass. New fires will be reported following the instructions in the radio call plan.

Examples of items that may be repaired include, but are not limited to:

Infrastructure Damage	Natural Resource Damage
Fences and gates	Soil erosion
Culverts, bridges, and other watercourse crossings	Adverse impacts to air and water quality
Water sources	Adverse impacts to protected species of plants and animals
Utility distribution lines (above or below ground)	
Road barriers removed for fire access	
Trash, debris, and supplies left by fire suppression resources	
Miscellaneous damage to residential property	

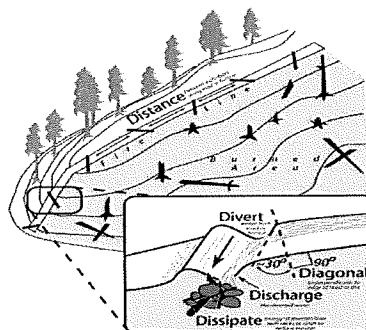
Dozer Line Repair

Dozers construct both fire and contingency lines. Dozer line width varies greatly. The following measures shall be implemented for constructed dozer line:

- Berms and push-piles may be spread out to the extent feasible. This may be accomplished by back-blading and/or using ripper shanks or grapples. Debris piled against trees or perched above watercourses is especially important to remove or disperse.
- Waterbreaks shall be constructed at a 30-45 degree angle and shall be a minimum depth of 12 inches from the bottom of the cut to the top of the berm. Where feasible, the discharge from waterbreaks shall be directed into vegetated or rockied areas.
- Where slopes exceed the range at which a tractor can effectively work, waterbreaks shall be constructed with hand tools.
- Roads used in fire suppression activities shall be left in the same condition they were found or better. Gravel and soil-surfaced roads shall be watered to prevent excessive dust. Where fire suppression activities have damaged or rendered road drainage facilities non-functional, waterbreaks or drivable dips shall be installed for drainage.
- Where fire suppression activities have filled in or damaged inside ditches, the ditches shall be cleaned and left unobstructed.
- Spacing of waterbreaks shall be as follows:

Prevailing gradient	Maximum waterbreak spacing
0-10%	200 feet
11-25%	150 feet
26-50%	100 feet
>50%	75 feet

Spacing criteria is a general guide. Actual location of waterbreaks should be tailored to the topography and placement suited to the best dispersal of water flow.

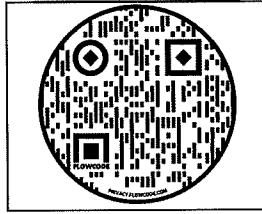


Federal Interagency and Tribal Lands Suppression Repair Guidelines

Scan QR code for detailed Suppression Repair Plan

Fire Line

- Restore natural contour.
- To prevent erosion: construct waterbars, pull back vegetation with excavator, use straw bale, etc.
- De-compact fire line, pull back vegetation with excavator.
- Attempt to conceal or hide the entrance & exit using the landscape & available materials.
- To prevent access to Off Highway Vehicles (OHV) where fire lines intersect roads or trails, block intersections with large rocks, large trees, or walls of brush.
- Concentrations of slash along commonly used areas such as roadways, developed recreation areas, & structures should be chipped & dispersed.



Heli-spots, Drop Zones, Sling & Medi-vac Sites

- Use standards like fire line repair to repair these activity areas. If available, use cleared vegetative material for soil cover. Place waterbars where appropriate.

Line in or through Watercourses

- Restore preexisting streamflow & remove any deposited debris not present before suppression.

Water Drafting Sites

- Restore water sources used or developed as draft sites to original condition. Remove any dams, dikes, or other impoundments created for fire suppression activities. Backhaul any trash.

Concentrations of Slash

- Concentrations of slash created by fire suppression activities along commonly used areas such as roadways, developed recreation areas, & structures should be chipped & spread across the landscape. Chip piles should not exceed six inches in depth. Lop & scatter concentrations of slash not to exceed 18 inches in height.

Roads

- Road repair should follow the existing design of the road prism. Repair damage to pavement, gates, cattle guards, & culverts. Remove soil pushed into cattle guards.
- Remove all slash & debris created by fire suppression from culvert inlets and outlets.
- Clean & grade ditch lines, rolling dips, & lead off ditches to repair function.

- Physically close off all unauthorized routes/roads opened during suppression
- Place rocks / logs to disguise the entrance to prevent unauthorized OHV.

Litter, Trash, and Flagging Removal

- Remove all litter, trash, & flagging from all suppression areas; this includes micro-trash.

Wilderness & Wilderness Study Areas (WSA)

- Areas of fire suppression in wilderness will follow many of the *General Repair Guidelines* previously discussed, but with an emphasis on restoring wilderness aesthetics & characteristics. One way to think of this is to “make it look like we were never there.”
- The use of mechanized equipment may require special authorizations to repair the area. Verify with the appropriate land manager before use of equipment in wilderness or WSA’s.

Tree Disposal from Dozer-lines & Roadside Hazard Mitigation

- Reduce fuel loadings along access roads, accessible dozer-lines & cleared areas following suppression.
- Fallen trees will be yarded & decked.
- Do not stockpile fuels against standing live or dead trees.
- Locate decks in disturbed areas where trees can be safely processed.
- Use low impact machinery on improved surfaces.
- Locations for roadside hazard tree & fire line tree disposal will be determined by assigned Resource Advisors or agency personnel.
- The locations will be recorded on the Suppression Repair Map, which will be provided to the assigned Equipment Managers & equipment operators completing this work.
- Do not enter known archeological sites with heavy equipment or skid logs across arch sites.
- Felled trees within archeological sites must be left in place unless they can be removed without skidding (i.e. full suspension).
- Where it is feasible, equipment can reach into an arch site and pluck the tree (or portion of a tree) up without skidding.
- If it is necessary for equipment to pass through a known site, raise the blade or other attachments while within the site boundaries.

Contact Agency Personnel or Resource Advisors with any questions or for additional solutions.

SQF “West Castle Zone” Incident Maps may be

accessed by going to:

<https://ftp.nifc.gov>

or google: “nifc ftp”

Click:

>Incident Specific Data

>calif_s

>!CALFIRE/

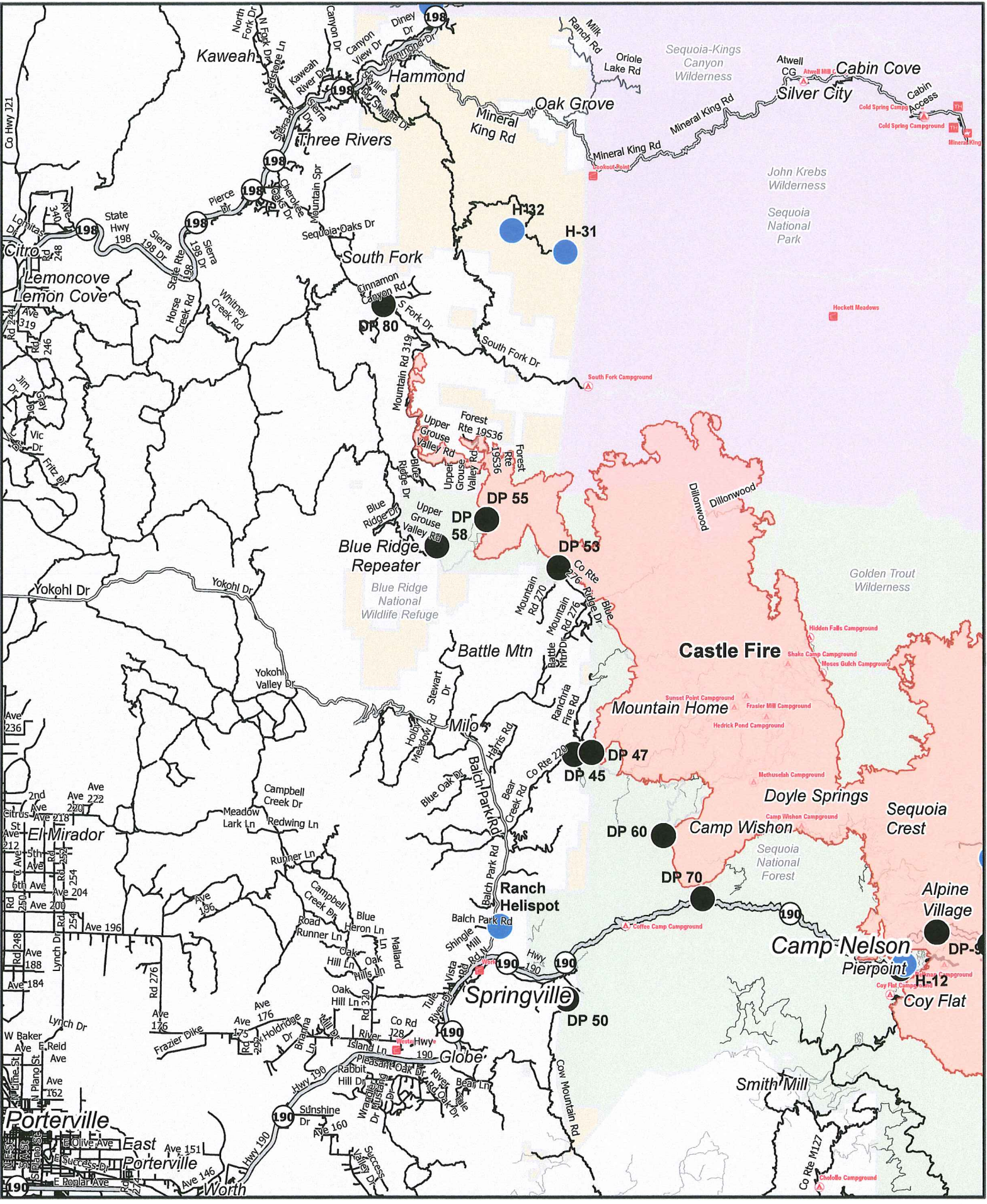
>2020_Incidents

>CA-SQF-002541_CastelWest

>GIS >Products

> Desired Date > Select desired map

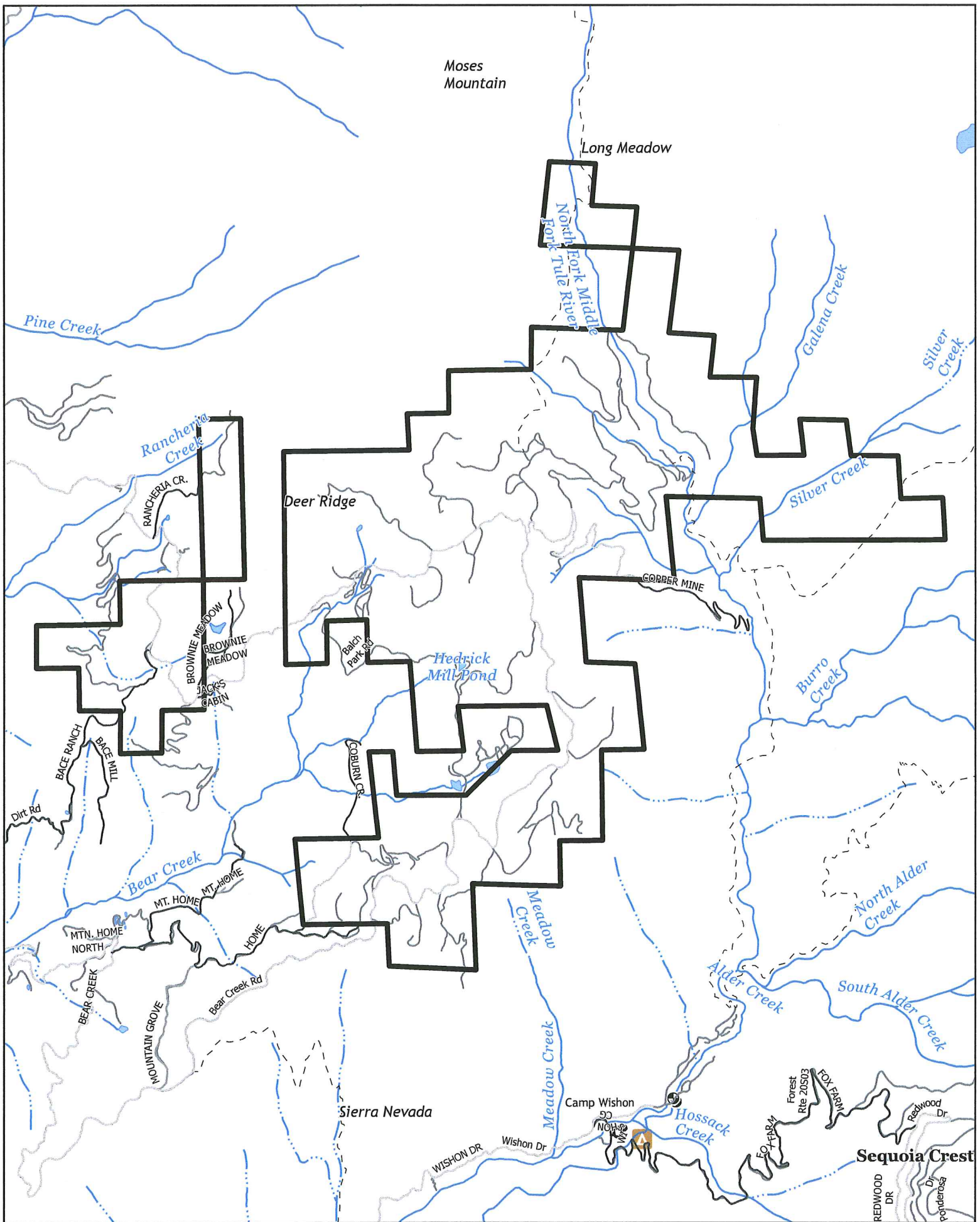
*Generally, the single most beneficial map to download is the Ops_Overview Map



TRANSPORTATION SQF Complex

West Zone Transportation
SQF Complex 1:200,000
CA-SQF-002541 IMT6 GISS

TRANSPORTATION SQF Complex



Moses Mountain

Long Meadow

Pine Creek

Rancheria Creek

Deer Ridge

Hedrick Mill Pond

Bear Creek

Meadow Creek

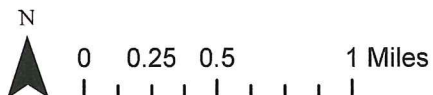
Coburn Mine

Sierra Nevada

Camp Wishon

Hossack Creek

Sequoia Crest



- Mountain Home
- Roads
- Trails

Mountain Home
Travel Map



UNIT LOG (ICS 214)

1. Incident Name: FIRE SUPPRESSION REPAIR	2. Operational Period: Date From: <u>10/1/20</u> Date To: <u>10/6/20</u> Time From: <u>0700</u> Time To: <u>0700</u>
--	--

3. Unit Name/Designators	4. Unit Leader (Name and ICS Position)
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5. Personnel Assigned/Designators

NAME	ICS POSITION	HOME BASE

6. Activity Log (Continue on Reverse)

TIME	MAJOR EVENTS

7. Prepared By:	Date/Time:
------------------------	-------------------